Roomie Remote Version 3
Quick Start Guide

Roomie Remote creates a customized virtual remote that lets you control your home theater components and other devices with an iOS device.

This guide shows how to configure the Roomie Remote app to watch TV from a cable provider and an Apple TV.

Note: You do not need to have this exact setup to do this demonstration. You can adapt it to your setup, then delete the devices and activities when you are done.

Assumptions

This guide assumes:

- You have a supported iOS device (iPad, iPad Mini, iPhone, or iPod Touch) that is running iOS version 8 or 7 and is connected to your home network via Wi-Fi.
- You have Version 3.0 or greater of the Roomie Remote app installed on your supported iOS device.

  More information about purchasing the Roomie Remote app is available here.
- The devices you want to control with Roomie Remote are up and running and you have verified that Roomie Remote supports them.

  More information about supported devices is available here.

Controlling Devices

To create a virtual remote, the devices must be controllable by Roomie Remote.

There are three ways to control a device with Roomie Remote:

- **Network (IP) controllable**. If it is a device that directly connects to your home network (Apple TV, for example), configure it for the same network your iOS device with the Roomie Remote app is on. Follow the manufacturer's instructions. If it is a supported device, no additional hardware is needed for Roomie Remote to control it.
- **Infrared controllable**. If it is a device that is controlled via infrared, purchase and install a Roomie Blaster Complete. Follow the included instructions.

  More information about Roomie Blaster adapters is available here.
- **Serial controllable**. If it is a device that is controlled via a serial connection, purchase and install a Roomie Blaster Adapter and a Roomie Serial Cable. Follow the included instructions.

  More information about the Roomie Serial Cable is available here.

For our demonstration, two of the devices are infrared controllable and one is network controllable.

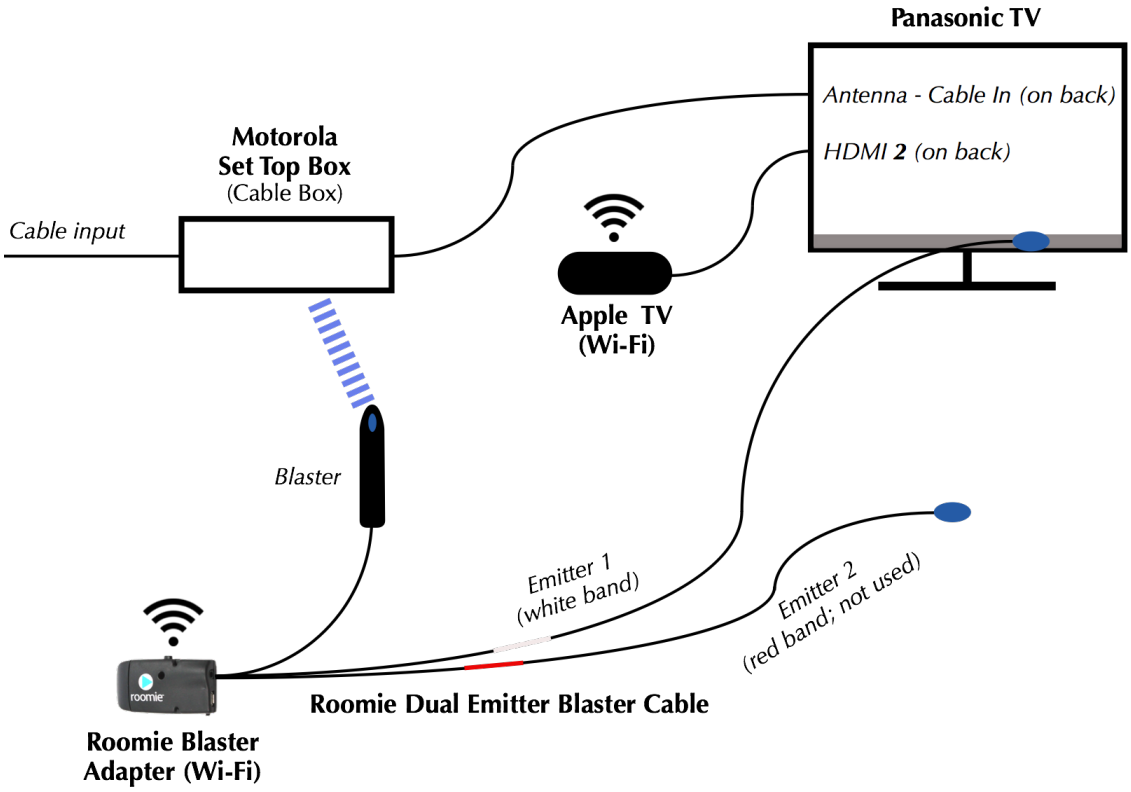
Copyright © 2014 Roomie Remote, Inc.

HARDWARE SETUP

We will be setting up and configuring three devices:

- **a Motorola Set Top Box (STB):** Sometimes called a cable box, the Motorola STB receives content from a cable provider and connects to the Panasonic TV on the TV's **Antenna – Cable In** port. The Motorola STB is an infrared-controllable device; we are controlling it using the blaster on a Roomie Dual Emitter Blaster Cable. A blaster can control multiple devices as long as it has line of sight to each device and is within ~20 feet of the device.
- **an Apple TV:** Apple TV connects to the home network via Wi-Fi to receive content and to the Panasonic TV on the TV's **HDMI 2** port. Follow the manufacturer's instructions to set up the Apple TV. Apple TV is a network-controllable, supported device, so once you follow the manufacturer's instructions to configure it, no additional hardware is needed for Roomie Remote to control it.
- **a Panasonic TV:** The Panasonic TV is an infrared-controllable device; we are controlling it using Emitter 1 (white band) of the Roomie Dual Emitter Blaster Cable. To use the emitter, remove the backing from the emitter eye, then affix the emitter eye directly over the infrared receiver port.

  Note: Emitter 2 (red band) of the Roomie Dual Emitter Blaster Cable is not being used.



SOFTWARE CONFIGURATION

This demonstration shows how to configure Roomie Remote to create a virtual remote that controls a Panasonic TV, a Motorola STB, and an Apple TV.

This demonstrates three core Roomie Remote concepts: Rooms, Devices, and Activities:

- **Room:** A room is a physical space in a facility. If you use Roomie Remote at your home, then a room could be a bedroom or your Living Room (which is the default room that Roomie Remote creates for you). In most cases, the devices you control and the activities you create are done on a per-room basis. You can create as many rooms as you want and name them whatever you want.
- **Device:** Devices are the components you want to control. For example, a TV, a receiver, a Nest Thermostat, and many others. Once added, devices are the building blocks for activities.
- **Activity:** An activity is what you want to do with the devices you are controlling. For example, watch TV or listen to music. When you finish adding a device, Roomie Remote asks if you want to create an activity for it. The general rule is: create an activity for a device that provides content. When you tell Roomie Remote to create an activity, it configures the activity for you automatically based on the options you set when adding your devices. You can always open an activity and make sure it is configured correctly or change settings if necessary.

For this demonstration, we will be configuring one room, three devices, and two activities. The room is the default Living Room, the devices are a Panasonic TV, a Motorola STB, and an Apple TV, and the activities are Watch Motorola and Watch Apple TV.

Note: The Panasonic TV is part of both activities.

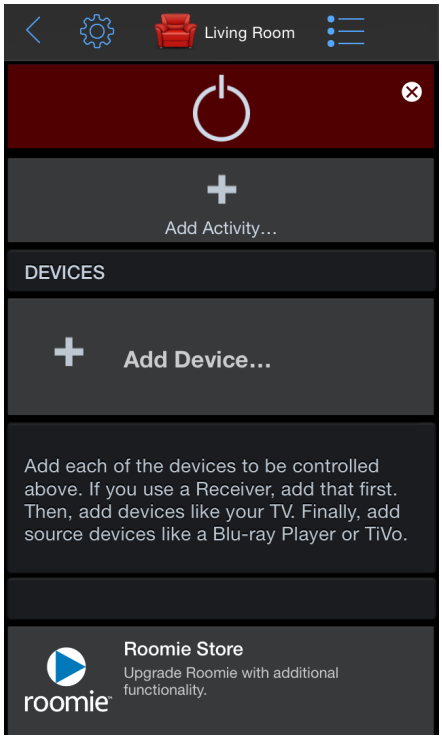
The Roomie Remote app is Version 3.x running on an iPod Touch 5 with iOS 8.x. The Roomie Remote app includes the 10 Device Pack and a Roomie Service Subscription.

Copyright © 2014 Roomie Remote, Inc.

To configure a room with Roomie Remote:

1. Tap **Living Room** on the Roomie Remote screen.

   The **Living Room** screen opens in Edit mode.

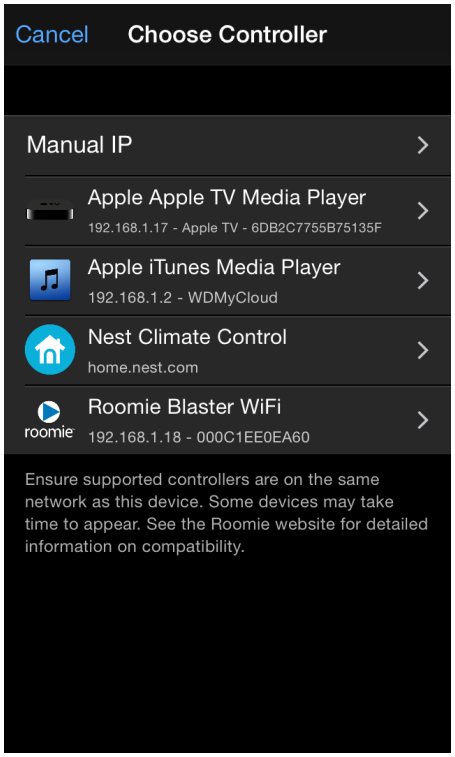

Living Room
Add Activity...
DEVICES
Add Device...
Add each of the devices to be controlled above. If you use a Receiver, add that first. Then, add devices like your TV. Finally, add source devices like a Blu-ray Player or TiVo.
Roomie Store
Upgrade Roomie with additional functionality.
roomie

   Edit mode ( ) means you can modify settings. User mode ( ) means you can use the feature. Tap the Mode icon to switch from one mode to the other.

2. Tap **Add Device**.

   The first device we will be adding is the Panasonic TV.

The **Choose Controller** screen appears.


Cancel
Choose Controller
Manual IP
Apple Apple TV Media Player
192.168.1.17 - Apple TV - 6DB2C7755B75135F
Apple iTunes Media Player
192.168.1.2 - WDMyCloud
Nest Climate Control
home.nest.com
Roomie Blaster WiFi
192.168.1.18 - 000C1EE0EA60
Ensure supported controllers are on the same network as this device. Some devices may take time to appear. See the Roomie website for detailed information on compatibility.

3. Tap **Roomie Blaster Wi-Fi**.

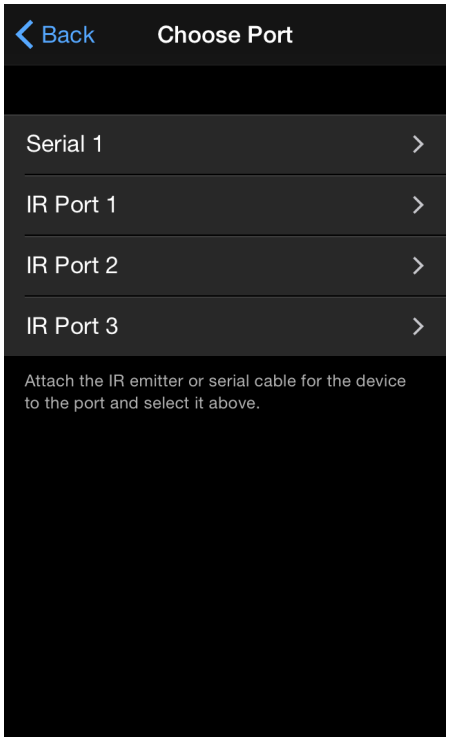
   When a device is connecting directly to your network (network controlled), it displays on the **Choose Controller** screen with its own name; like **Apple TV Media Player** in the image above.

   When a device is connecting to your network via a Roomie Blaster Adapter (infrared or serial controlled), select the appropriate Roomie Blaster Adapter on the **Choose Controller** screen (such as **Roomie Blaster Wi-Fi** in the image above).

   Be sure to always choose the correct Roomie Blaster Adapter (the IP address and MAC address are always unique); some locations may have two, three, or more Roomie Blaster Adapters on the network.

Copyright © 2014 Roomie Remote, Inc.

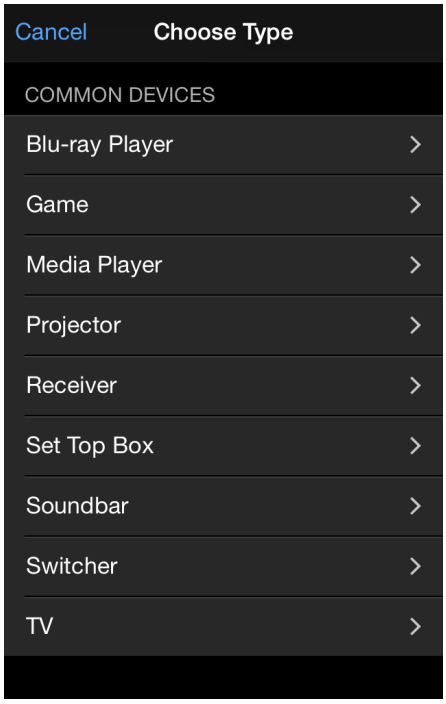
The **Choose Port** screen appears.


Back
Choose Port
Serial 1
IR Port 1
IR Port 2
IR Port 3
Attach the IR emitter or serial cable for the device to the port and select it above.

4. Tap **IR Port 1**.

   The television is being controlled via Emitter 1 (white band) of the Roomie Dual Emitter Blaster Cable, which corresponds to **IR Port 1** on the **Choose Port** screen.

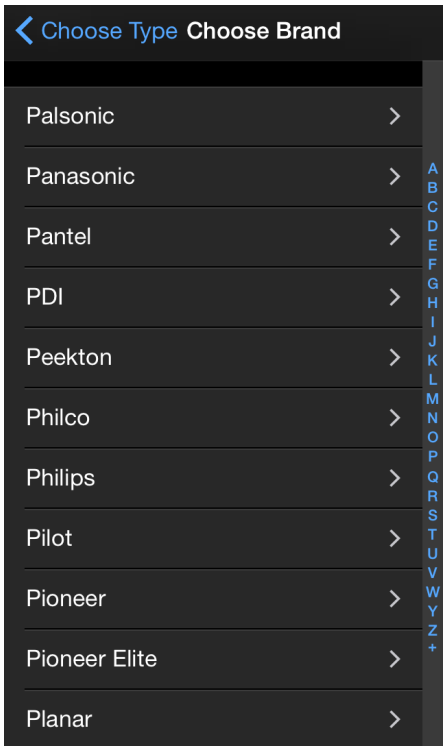
   The **Choose Type** screen appears.



5. Tap **TV**.

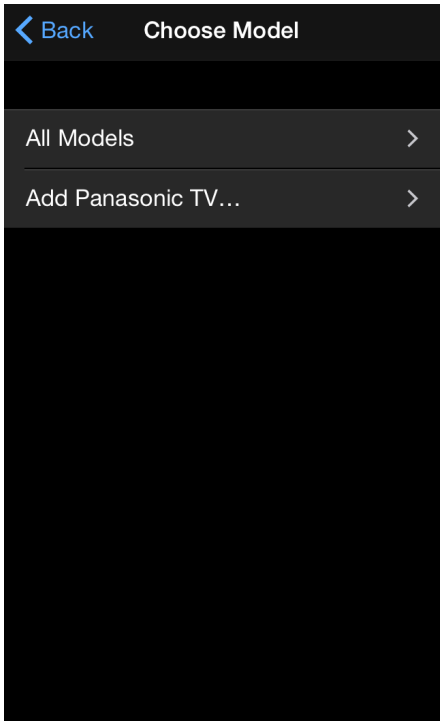
   The **Choose Brand** screen appears.

As Roomie Remote supports a very large number of TV brands, choosing your TV brand may be easier if you tap a letter on the far right side of the screen. So tap “P” for Panasonic or “S” for Sony, for example.



6. Tap **Panasonic**.

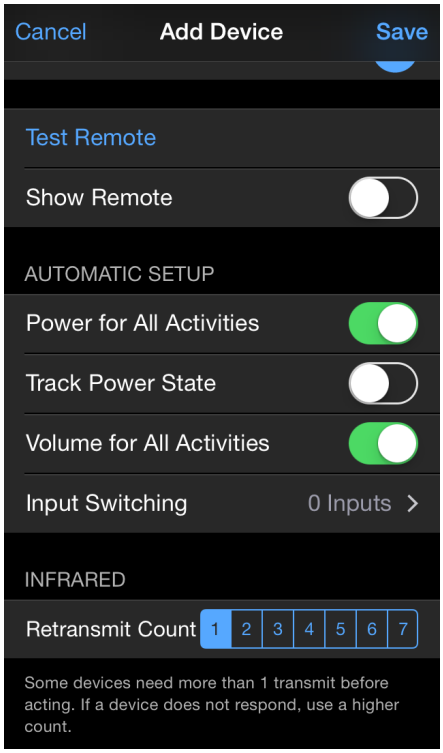
   The **Choose Model** screen appears, showing the options for Panasonic TVs.



7. Tap **All Models**.

The second option, **Add Panasonic TV**, is only for learning commands when Roomie Remote does not support the full command set for a device. ***Roomie Remote fully supports all Panasonic TVs, so it is not necessary to select the second option.***

The **Add Device** screen appears, showing the selected controller (**Roomie Blaster Wi-Fi**) and the TV type (**Panasonic TV**).

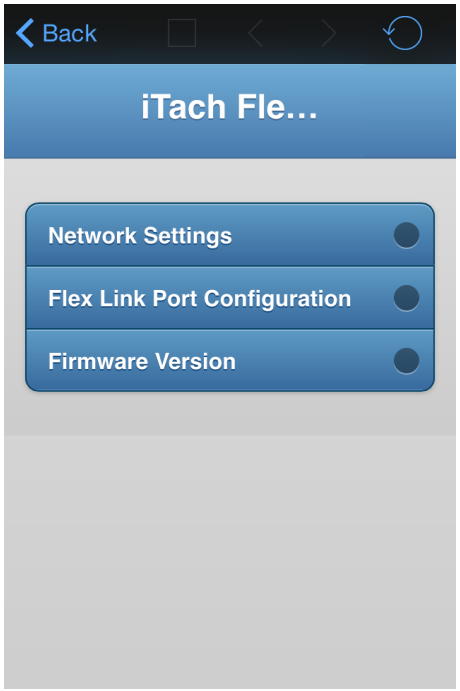


8. Locate **Automatic Setup**:
   - **Power for All Activities:** Enable if the device needs to be powered on for all activities. Enable this option for this demonstration, as the TV needs to be on for both of the activities we are creating.
   - **Track Power State:** Puts a power toggle control on the list of devices (in Edit mode) so that you can easily switch the device to the desired power setting. **Track Power State** should not be enabled if the device supports discrete on and off power commands; it is included for legacy devices that only support toggling the power setting. **Track Power State** does ***not*** need to be enabled for this demonstration.
   - **Volume for All Activities:** Enable if the device is providing sound for all activities. Generally you only want to enable this option for one device in a room. Enable this option for this demonstration, as the TV is providing the sound for both of the activities we are creating. You would ***not*** enable this setting for the TV if a different device (a receiver, for example) was providing the sound.
9. Tap **Roomie Blaster Settings**.

   Because we are using a Roomie Blaster Adapter and the blaster is going to be controlling a device, we need to configure the Roomie Blaster Settings appropriately.

Copyright © 2014 Roomie Remote, Inc.

The **iTach Flex Wi-Fi** screen appears.



10. Tap **Flex Link Port Configuration**.

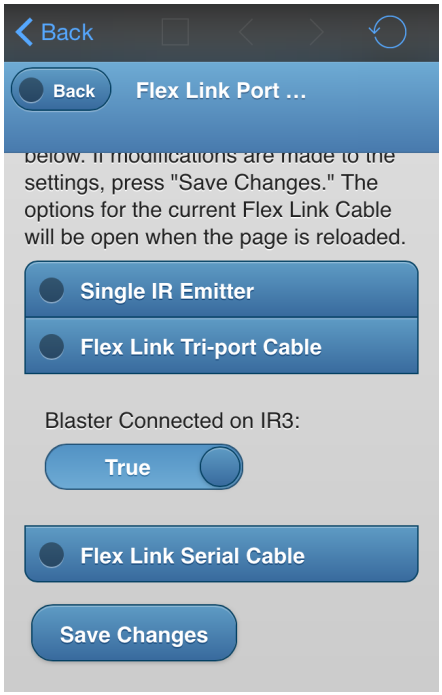
    The **Flex Link Port Configuration** screen appears.

11. Tap **Flex Link Triport Cable**.

    We choose the **Flex Link Triport Cable** option because we are using the Roomie Dual Emitter Blaster Cable, which is a three-cable accessory. Use **Single IR Emitter** for hardware configurations that use single cable accessories, such as the Roomie Emitter Cable or the Roomie Blaster Cable.

Copyright © 2014 Roomie Remote, Inc.

The **Flex Link Triport Cable** setting displays.



12. Set the **Blaster Connected on IR3** field to **True**.

    Note: This field is global for the Roomie Blaster Adapter. If any devices are being controlled by the blaster cable of a Roomie Dual Emitter Blaster Cable, then this field must be set to **True**.

13. Tap **Save Changes**.

14. Return to the **Edit Device** screen and tap **Save**.

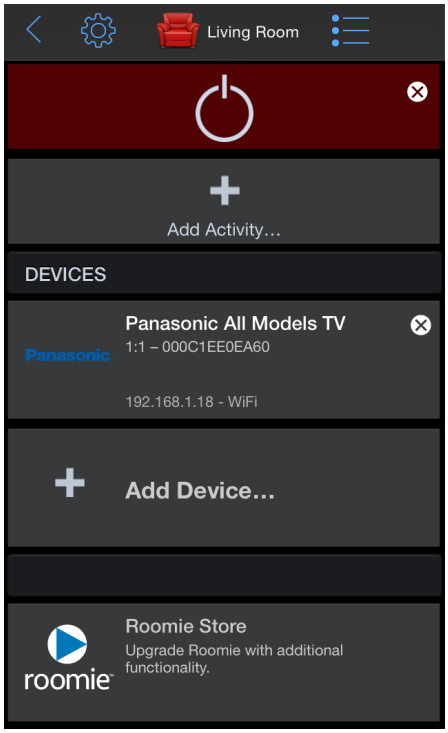
    The **Create Activity** popup appears.

Create Activity
Create an Activity for the Panasonic TV device?
You may add Activities later instead. Some devices may not need an Activity if they are not a source for content.
Create Activity
No

15. Tap **No**.

    The Panasonic TV is not the source of content, so we do not create an activity for it. If the TV were a source of content—if you were using apps on the TV, for example—then you would create an activity for it.

The **Living Room** screen appears, still in Edit mode, but now showing the newly configured device (**Panasonic All Models TV**).



16. Tap **Add Device**.

    The second device we are going to add is the Motorola Set Top Box.

    The **Choose Controller** screen appears.

17. Tap **Roomie Blaster Wi-Fi**.

    Because the Motorola Set Top Box is being controlled via the same Roomie Blaster adapter as the Panasonic TV, we choose it again.

    The **Choose Port** screen appears.

18. Tap **IR Port 3**.

    The Motorola Set Top Box is being controlled via the blaster on the Roomie Dual Emitter Blaster Cable. All devices being controlled via a blaster ***must*** be configured on **IR Port 3**, so we select **IR Port 3**.

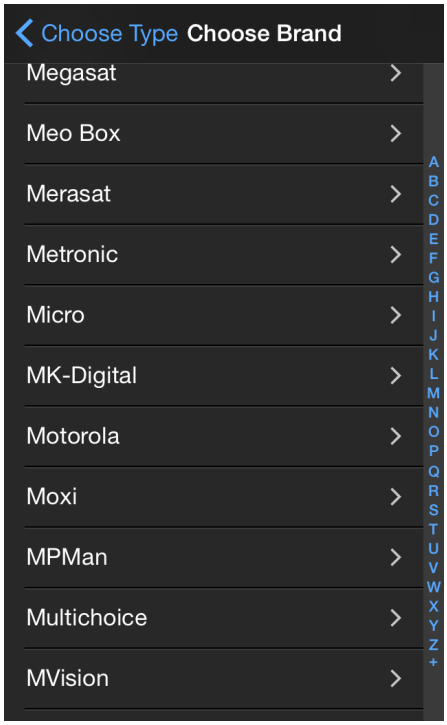
    The **Choose Type** screen appears.

19. Tap **Set Top Box**.

    The category Set Top Box covers both cable and satellite boxes.

Copyright © 2014 Roomie Remote, Inc.

The **Choose Brand** screen appears.

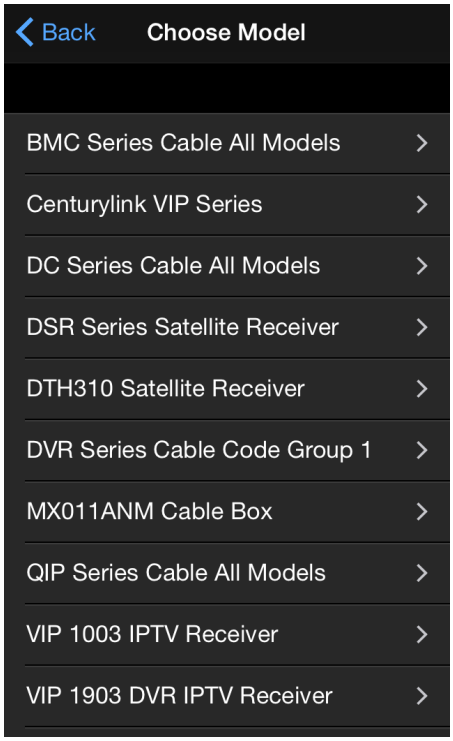


20. Tap **Motorola**.

    Note: You are selecting the name of the manufacturer of the Set Top Box hardware, *not* your cable provider. So Verizon, Comcast, and AT&T, for example, are ***not*** on the list. The only exception to this rule currently is Xfinity, which does have a box with their name.

Copyright © 2014 Roomie Remote, Inc.

The **Choose Model** screen appears, showing the models supported by Motorola.



21. Tap the appropriate Set Top Box model.

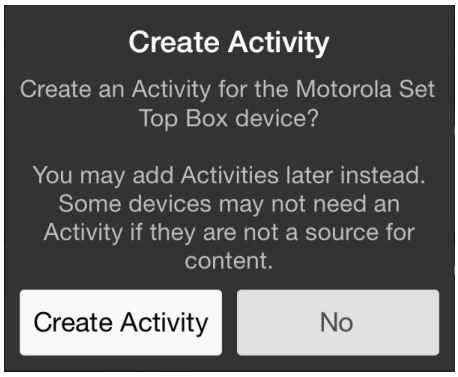
    For this demonstration, **QIP Series Cable All Models** is being used.

    Note: When choosing the model of a device, always choose the closest match to your model; you may need to try a couple before you get the right one.

    The **Add Device** screen appears.

22. Tap **Save**.

    The **Create Activity** popup appears.


Create Activity
Create an Activity for the Motorola Set Top Box device?
You may add Activities later instead. Some devices may not need an Activity if they are not a source for content.
Create Activity
No

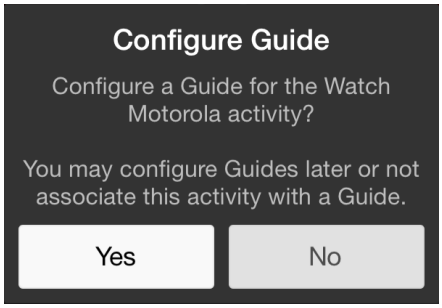
23. Tap **Create Activity**.

    Because the Motorola Set Top Box is a source of content, we create an activity for it.

    The Roomie Remote app will automatically name the activity for you, but you can change the name if you like.

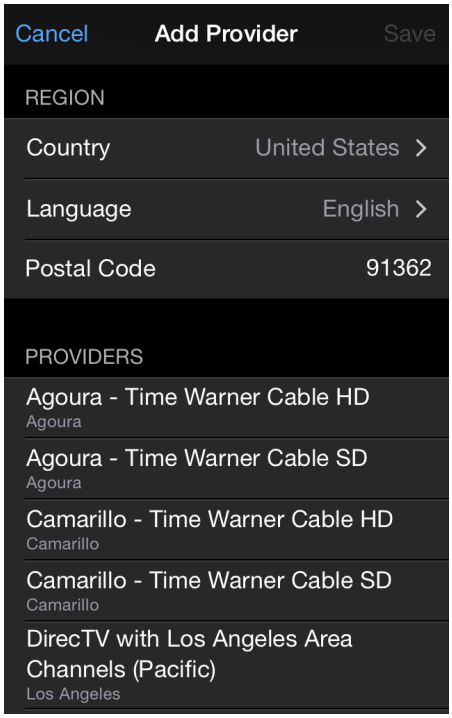
Copyright © 2014 Roomie Remote, Inc.

The **Configure Guide** popup appears.


Configure Guide
Configure a Guide for the Watch Motorola activity?
You may configure Guides later or not associate this activity with a Guide.
Yes
No

24. Tap **Yes**.

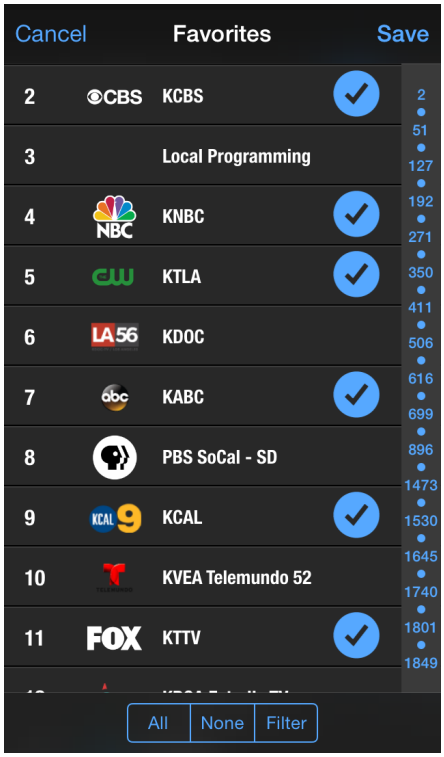
    Roomie Remote provides guide listings for 34 countries.
    The **Add Provider** screen appears.



25. If not automatically detected, enter the appropriate **Country**, **Language**, and **Postal Code**.
26. When the list of providers appears, tap the name of your provider, then tap **Save**.

Copyright © 2014 Roomie Remote, Inc.

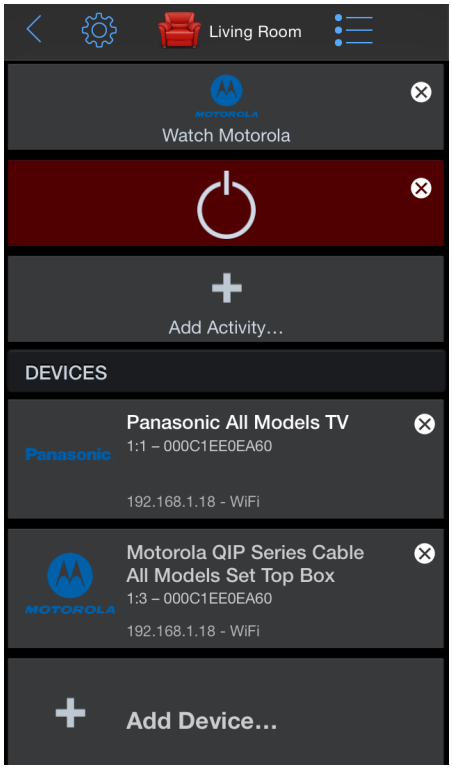
The **Favorite Channels** popup appears.



27. Tap the desired channels to set them as favorites, then tap **Save**.

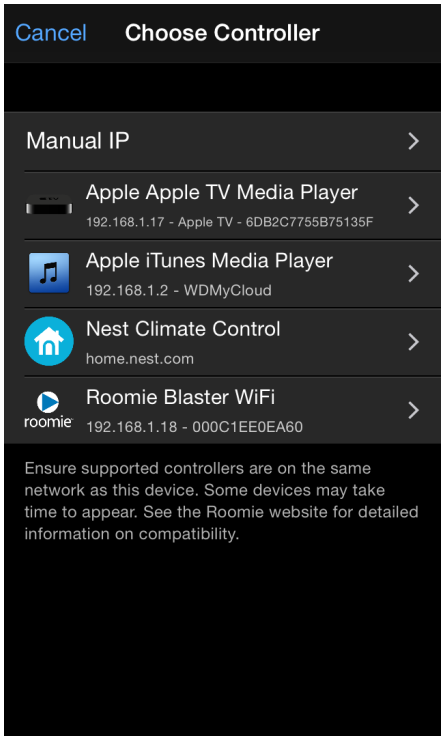
    Note: Roomie Remote shows all available channels, including premium channels that require additional payment. So while you may be able to see a channel in the list, it does not necessarily mean you can view it.

The **Living Room** screen appears, still in Edit mode, now showing two configured devices and the **Watch Motorola** Activity.



28. Tap **Add Device**.

The final device we are going to add is the Apple TV.
The **Choose Controller** screen appears.


Cancel
Choose Controller
Manual IP
Apple Apple TV Media Player
192.168.1.17 - Apple TV - 6DB2C7755B75135F
Apple iTunes Media Player
192.168.1.2 - WDMyCloud
Nest Climate Control
home.nest.com
Roomie Blaster WiFi
192.168.1.18 - 000C1EE0EA60
Ensure supported controllers are on the same network as this device. Some devices may take time to appear. See the Roomie website for detailed information on compatibility.

29. Tap **Apple TV Media Player**.

Because Apple TV is a network-controlled device, we do not need to select **Roomie Blaster Wi-Fi**, as we did with the other devices we added.

The **Apple TV Pairing** screen appears.

Back
Apple TV Pairing
1 4 6 2
To add Apple TV control, navigate to Settings > General > Remotes, select Roomie from the iOS Remotes list, and then enter the passcode shown above.
Restarting your Apple TV may be helpful to resolve pairing issues.

Important: Your passcode will be different from what is shown above.

To use Roomie Remote to control Apple TV, you need to pair Roomie Remote with your Apple TV.

30. ***Using your Apple TV remote***, access Apple TV, then go to **Settings** > **General** > **Remotes**.

    The **Remotes** screen appears.

31. Scroll down to the **iOS Remotes** section and find the iOS device you are using to run Roomie Remote.

    The text may look something like:
    Roomie – Jon's iPod Touch

32. Select the Roomie Remote.

    The **Add Roomie – Jon's iPod Touch** screen appears.

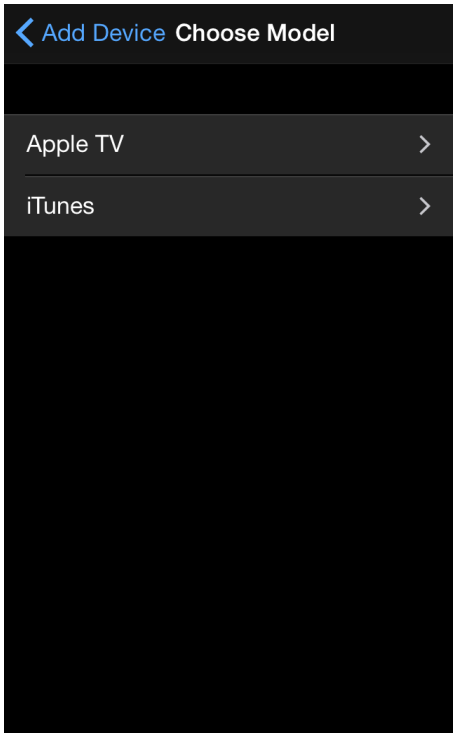
33. Enter the passcode from the Roomie Remote **Apple TV Pairing** screen, then select **Done**.

    The **Remotes** screen appears, showing that the Roomie Remote has been paired.

34. On your Apple TV, exit from **Settings**.

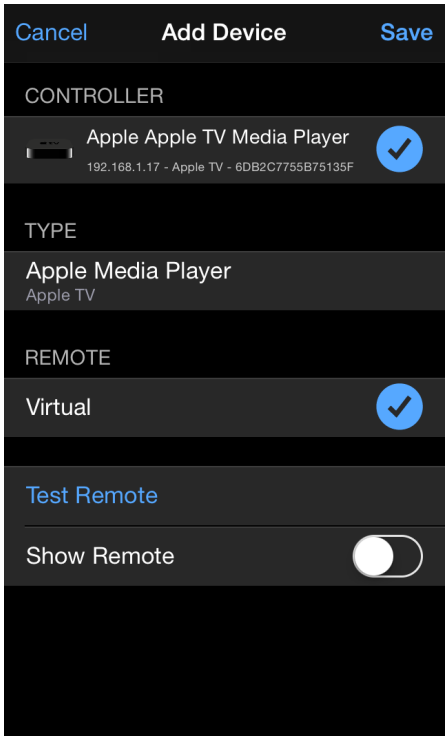
Copyright © 2014 Roomie Remote, Inc.

On the iOS device, the **Choose Model** screen appears, showing Apple devices on your home network.



35. Tap **Apple TV**.

The **Add Device** screen appears.



36. Tap **Save**.

The **Create Activity** popup appears.

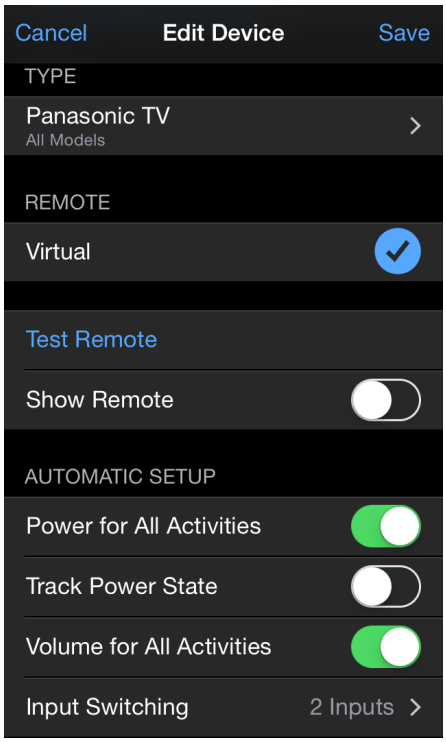
Create Activity
Create an Activity for the Apple Media Player device?
You may add Activities later instead. Some devices may not need an Activity if they are not a source for content.
Create Activity
No

37. Tap **Create Activity**.

    The **Living Room** screen appears, in Edit mode.

38. Locate the **Devices** section, then tap **Panasonic All Models TV**.

    The **Edit Device** screen for the Panasonic TV appears.



39. Tap **Input Switching**.

    Input switching is required when you have two or more devices providing input to one other device. It tells the device receiving the inputs which input to use for which activity.

    For example, in our demonstration we have a Motorola STB and an Apple TV providing input to a Panasonic TV. We need to make it clear to the Panasonic TV which input to use for which activity.

    The hardware configuration is: the input from the Motorola STB to the Panasonic TV is being received on the **Antenna** port and the input from the Apple TV to the Panasonic TV is being received on the **HDMI 2** port.

Copyright © 2014 Roomie Remote, Inc.

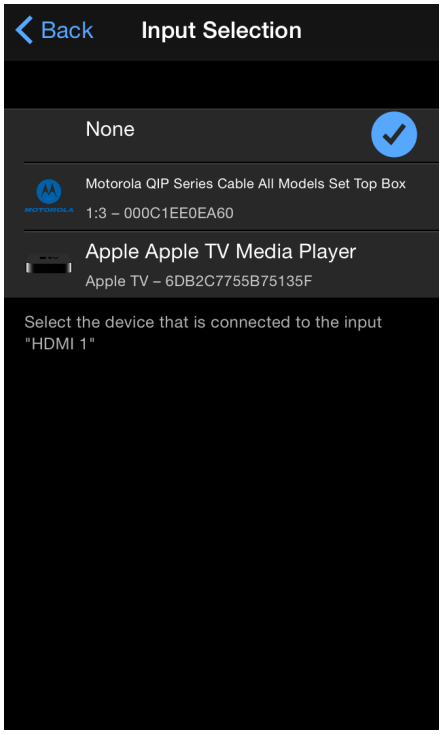
On the Input Switching screen, set the **Antenna** port to **Motorola Set Top Box** and the **HDMI 2** port to **Apple Media Player**.

This way, when we select the **Watch Motorola** activity, the **Antenna** input is used and when we select **Watch Apple TV**, the **HDMI 2** input is used.

The **Input Switching** screen appears.

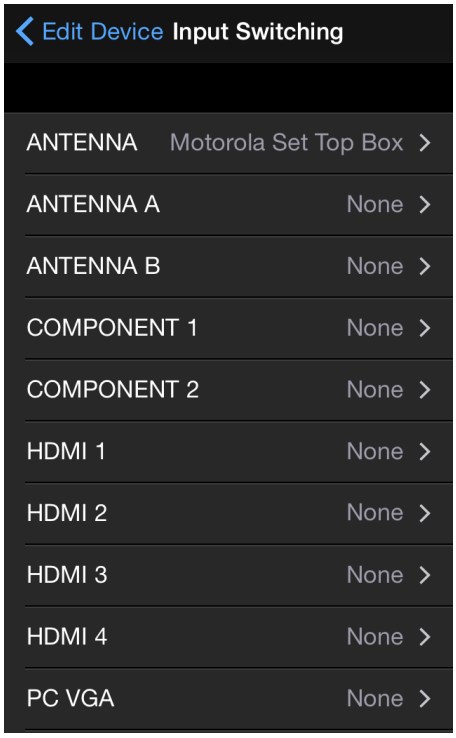
40. Tap **Antenna**.

    The **Input Selection** screen appears.


Back
Input Selection
None
Motorola QIP Series Cable All Models Set Top Box
1:3 – 000C1EE0EA60
Apple Apple TV Media Player
Apple TV – 6DB2C7755B75135F
Select the device that is connected to the input "HDMI 1"

41. Tap **Motorola QIP Series Set Top Box**.

The **Input Switching** screen appears, now showing the Motorola Set Top Box assigned to the **Antenna** input.



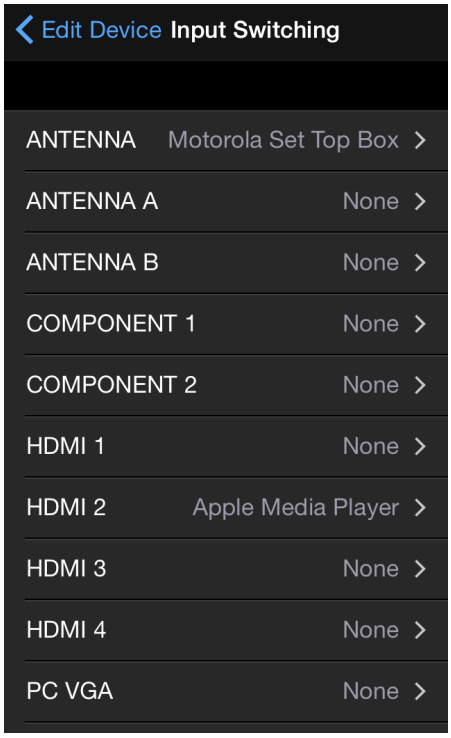
42. Tap **HDMI 2**.

    The **Input Selection** screen appears.

43. Tap **Apple Media Player**.

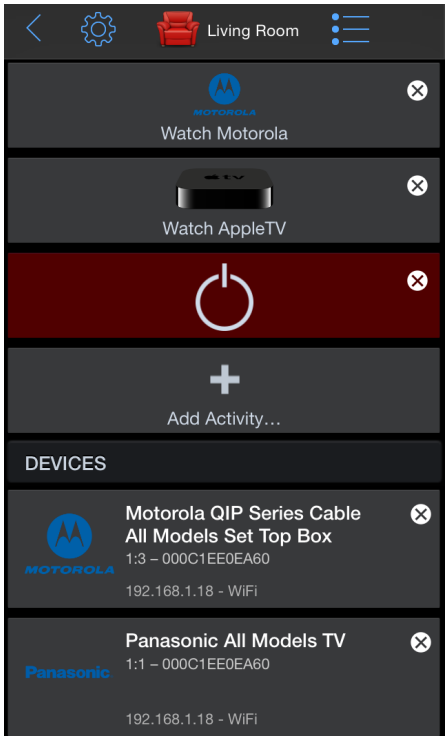
Copyright © 2014 Roomie Remote, Inc.

The **Input Switching** screen appears, now showing both devices assigned to the correct inputs.



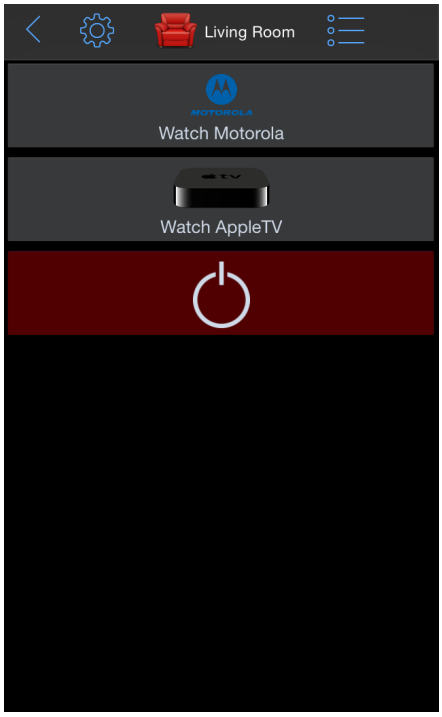
44. Tap **Edit Device**, then tap **Save** when the **Edit Device** screen appears.

    The **Living Room** screen appears, in Edit mode.



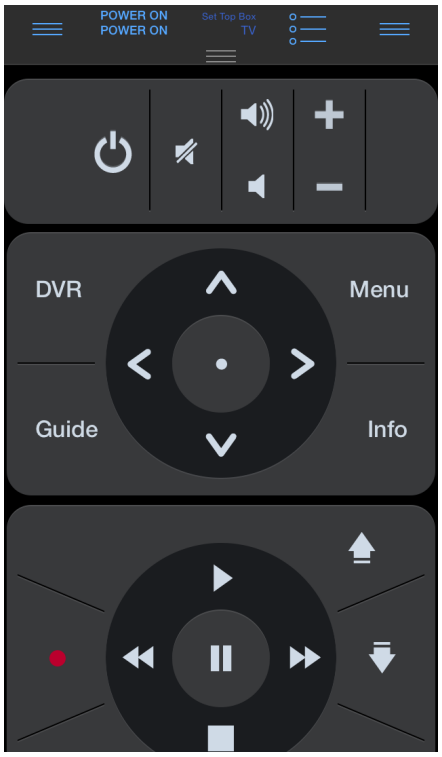
45. Tap the Mode icon ( ) to switch to User mode.

The **Living Room** screen appears, now in User mode.

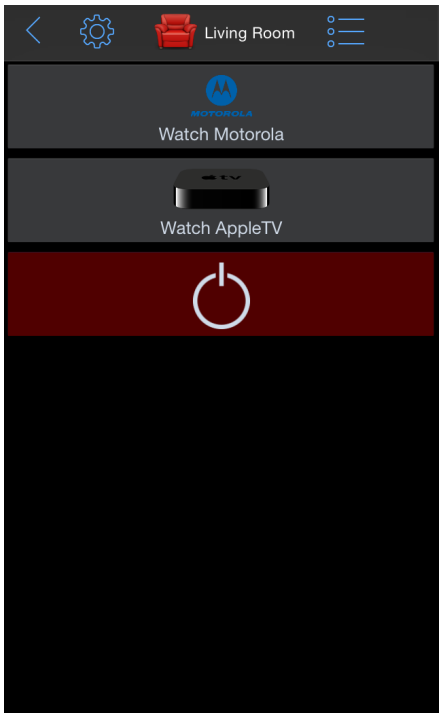


46. Tap **Watch Motorola**.

The virtual remote appears.



47. Return to the **Living Room** screen and tap the **System Off** button .



Congratulations! You have successfully configured a room using Roomie Remote.

Note: If you do not want to keep the devices and activities that were created in this demonstration, tap the **Settings** icon ( ), tap **Reset Configuration** (near the bottom), read the warning text that appears (a reset deletes everything you have configured, including rooms, devices, and activities), then tap **Reset**.

Copyright © 2014 Roomie Remote, Inc.